

WHERE TO BUY IT . . .
WHOLESALE RADIO
 of Baltimore

BEST FOR THE FRINGE AREAS

**SNYDER LAZY XX
T.V. ANTENNA**

Just unfold,
tighten and erect

Extremely hi-gain. Perfect for fringe areas. Easily stacked double conical lazy XX type. All T.V. controls included. Overall height 11 ft. erected. Complete with 3 mounting mast sections, guy wire anchors, standoff pole insulators and adjustable ground rod base. Completely pre-assembled. Model TX-2A.

\$16.95



**BELL HI-FIDELITY
Model 2122
RADIO PHONO
AMPLIFIER**

Frequency response: ± 1/2% db. 30 to 15,000 cycles with controls set for flat response. Four inputs—radio, crystal and two magnetic pickups. Built-in pre-amplifier for each magnetic input. Bass and treble boost with attenuation. Output 10 watts. Power 117 volts; 60 cycles. 7 1/2" deep; 6" high; 11 1/2" long.

Hi-Fidelity Sound Accessories

GE 1201 Deluxe 12" P.M. SPEAKER \$ 17.70

MEISSNER FM TUNER, Model 8C... 38.33

NEW GE TRIPLE PLAY CARTRIDGE

Plays all 3 speeds 33 1/3—45—78 rpm.

Dual stylus, plays all speeds at constant pressure. Model RPX-050.... 8.37

RADIO CRAFTSMAN AM-FM TUNER

(RC-8) ... 110.00

RADIO CRAFTSMAN AMPLIFIER

(RC-2) ... 39.00

MIDGET 300 OHM LINE ANTENNA RELAY

Double Pole, Double Throw



300 ohm transmit-receive relay. Up to 500 watts R.F. on reasonably flat lines (measured on input). Silicone glass insulation.

Advance Relays

K1504 R.F. 115 V. A.C.

K1604 R.F. 6 V. D.C.

**4 TUBE, MINIATURE
AM TUNER**

Ideal for P.A. installations
AM superhet miniature tuner.
4 tube superhet circuit; automatic volume control; permeability tuned IF 455 KC; high output 10 V. RMS average; 3 step output adjustment; self-tuned antenna. Self contained power supply. Complete, wired, tested, air aligned. Size 4" x 5" x 4".

**Lowest Prices! Highest Quality
HIGH VOLTAGE T.V.
CONDENSERS**

.0005 mfd.	6000 V.	19c
.001 mfd.	6000 V.	19c
.005 mfd.	6000 V.	23c
.03 mfd.	6000 V.	35c
.05 mfd.	6000 V.	39c
.0005 mfd.	7500 V.	39c
.001 mfd.	10,000 V.	49c

**New Low Price! Model S-38A
HALICRAFTERS RECEIVER**

Gives outstanding reception at a moderate price. Standard broadcast plus 3 short wave bands. Built-in P.M. speaker. Continuous AM reception, 540 KC. to 32 Mc. Four tubes plus rectifier.

\$39.95

WE HAVE COMPLETE LINE OF HALICRAFTERS

WRITE FOR FREE "FYI" BULLETIN
Address all orders to Dept. QR 94
or call Mulberry 2134

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311 W. Baltimore St.
BALTIMORE 1, MD.

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TELEX Monoset*—Under Chin Headset

Stethoscope design of the Telex Monoset eliminates tiresome pressure—instrument swings lightly *under* the chin. Wear it for hours without fatigue!



TELEX Earset*—Slips onto the Ear

Weighing only $\frac{1}{2}$ oz., Earset's flat plastic frame slips onto the ear, holds the sensitive receiver securely in place. User's other ear is always free for phone calls or conversation.



TELEX Twinset*—Nothing Needs Touch Ears!

Lightest twin-receiver headset made—weighs only 1.6 oz. Adjust to any head. Flexible, slips into pocket.

TELEX Pillow Speaker
 permits private radio listening. Palm-sized, weight 1.1 oz., shockproof, sterilizable.

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 MINNEAPOLIS, MINNESOTA
 In Canada, Atlas Radio Corp., Toronto



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TELEX
 ELECTRO-ACOUSTIC DIVISION
 TELEX PARK
 Minneapolis, Minn.

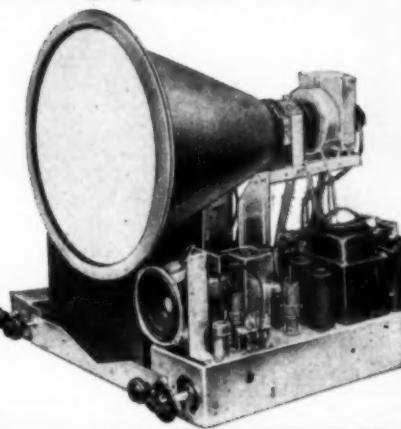
The BEST WAY to learn about TELEVISION is to learn by building your own!

. . . and while doing so
 choose a kit that will give
 you a fine set

TECH-MASTER VOLTAGE DOUBLER 630-TK Super 16

16 inch TV KIT

The circuit is the exact duplicate of the RCA 630 TS, the acknowledged finest for quality and performance. All major components are mounted, easily wired to completion over a weekend. More radio engineers and technicians build Tech-Master for their own use than any other make. Complete, less Kinescope \$177.50



TECH-MASTER KEYED A.G.C. KIT

Add Keyed Automatic Gain Control to your 630-type TV chassis and enjoy all the advantages of the greatest engineering improvement in TV. Keyed AGC operates directly from the sync pulse, consequently its operation is instantaneous and completely eliminates annoying airplane "flutter" and "breathing." It also provides exceptional noise immunity permitting your picture to lock in perfectly with minimum signal input. Your 630 TV chassis, the finest there is, deserves this new feature. Simple to install from complete instructions. No holes to drill. Includes a 6AU6 tube, mounting bracket and socket, special AGC coil, all resistors and condensers; ready to install in less than an hour.

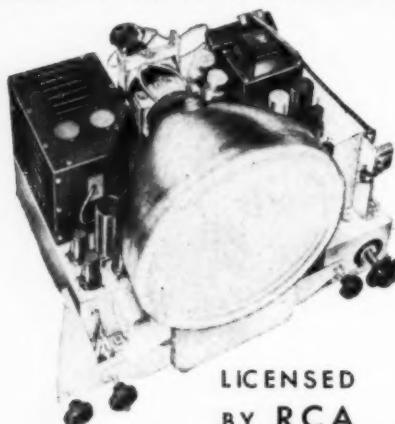
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THE HOTTEST ITEM OF THE YEAR

#630 TV CHASSIS WITH VOLTAGE DOUBLER
A READY TO PLAY 16" 31 TUBE RECEIVER



LICENSED
BY RCA

Mfd. by PHILMORE

ATTRACTIVE DEALER PRICES

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WRITE • WIRE • PHONE

16" TELEVISION CONVERSION KIT TO MODERNIZE YOUR 10" RECEIVER LATEST VOLTAGE DOUBLER CIRCUIT

- WIRED SUB-ASSEMBLY CHASSIS
- SET OF MOUNTING BRACKETS
- COIL, RESISTORS AND CAPACITORS
- WIREWOUND 750 ohm POTENTIOMETER
- FLYBACK TRANSFORMER No. 211/T5
- 1 TUBE #1B3/2016
- PLASTIC SLEEVE AND RING

Complete with instructions.

\$23.67
ALL FOR

PARTS FOR #630 IN COMPLETE SETS

VIDEO AND I.F. KIT (19 items)	\$ 7.84
ELECTROLYTIC CAPACITOR KIT (6 condensers)	6.97
PAPER CAPACITOR KIT (38 condensers)	3.72
CERAMIC CAPACITOR KIT (28 condensers)	2.86
MICA CAPACITOR KIT (12 condensers)	1.90
CARBON RESISTOR KIT (108 resistors)	3.34
WIREWOUND RESISTOR KIT (4 resistors)	1.98
OCTAL WAFFER SOCKET KIT (13 sockets)	.64
MINIATURE MOLDED SOCKET KIT (2 sockets)	.38
MINIATURE WAFFER SOCKET KIT (10 sockets)	.66
CATHODE RAY TUBE SOCKET (1 socket)	.39
KNOB KIT, decal included (8 knobs)	.98
BRACKET AND SHIELD KIT (12 brackets)	8.63
VOLUME CONTROL KIT (10 controls)	6.19
COMPLETE TV TUBE KIT, less CRT (29 tubes)	21.27
H.V. RECTIFIER SOCKET ASSEMBLY	.79

REPLACEMENT PARTS & ACCESSORIES

PUNCHED CHASSIS PAN, makes any No. 630	\$ 4.87
POWER TRANSFORMER, 295 ma.	9.97
HORIZONTAL OUTPUT TRANS., 211/T3.	3.44
HORIZONTAL OUTPUT TRANS., 211/T5.	3.97
VERTICAL BLOCKING TRANSFORMER	1.32
HORIZONTAL DISCRIM. TRANSFORMER	1.66
VERTICAL OUTPUT TRANSFORMER	2.64
RCA FRONT END TUNER, complete w/tubes.	26.67
STANDARD TURRET TUNER, complete w/tubes.	27.19
ESCUCHON PLATE FOR ANY TUNER	.85
DEFLECTION YOKE, 83 M.H. VERT. 50 M.H.	3.48
FOCUS COIL, 247 ohms, D.C. resistance	2.94
ION TRAP BEAM BENDER	.98
CATHODE TRAP COIL	.89
VOLTAGE DIVIDER, 1360 & 250 ohms, 17 & 10 watts	.87
12" FM SPEAKER, heavy alnico No. 5 magnet	6.85
5"x7" OVAL FM SPEAKER, top quality	3.63
AUDIO/OUTPUT TRANSFORMER, (.6K6 tube)	.87
6 FOOT TV LINE CORD w/both safety plugs	.29
16" PLASTIC SLEEVE AND RING	3.78
SET OF BRACKETS, for mounting 16" tube	2.92

FREE—#630 CIRCUIT DIAGRAM, with every order

10" CATHODE RAY TUBE No. 10BP4	\$24.95
16" CATHODE RAY TUBE No. 16AP4, metal.	54.25
16" CATHODE RAY TUBE No. 16CP4, glass.	57.50
TV ROOF CONICAL ANTENNA, 10' upright.	7.97
TV WINDOW CONICAL ANTENNA, quick rig.	5.85
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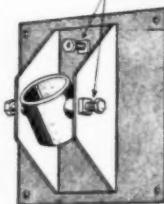
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The Buying Motives—Key to More Sales (Christensen)	38 Aug.
There's Money in Custom Installations (Part 1) (Goodell)	35 Jan.
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COMMUNICATIONS, BROADCASTING	
Broadcasting Station on Wheels	53 May
New 2-Way Radio Equipment for Metropolitan Police (Whitacre, Sr. & Baird)	64 Jan.
FACSIMILE	
Facsimile Transmission of Newspapers (Grossman)	62 Mar.
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Tentative Program of Events, 1949 Radio Parts And Electronic Equipment Shows, Inc.	79 May
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Carrier Communications On "REA" Power Lines (Ohlinger)	23 Aug.
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WMOR's Supersonic Tone Selects Receivers (Pivan)	61 Nov.
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Build This Experimenter's Power Supply (Turner, K6AI)	64 Sept.
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An Inexpensive Photoelectric Burglar Alarm (Thorne)	44 Sept.
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High-Gain Directional Array for Marginal TV Reception (Greenlee)	28 Aug.
Rhombic Antennas for Television (Smith)	61 Oct.
Self-Supporting Towers for TV Antenna Arrays (Greenlee)	57 Oct.
Television Master Antennas (Kamen)	31 Apr.
Television's Largest Parabolic Antenna (Lubcke)	38 Mar.
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Eyestrain—A New Video Hazard (Stewart)	84 May
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Need For Fast Acting A.G.C. System (Buchsbaum)	72 Dec.
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Television and the Radio Technician (Balcom)	76 Apr.
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The TV Freeze and Ultra-High Frequencies (Kay)	35 Oct.
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WTMJ's Mobile Television Unit (Hubel)	53 June

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A Simple Preamplifier for Boosting TV Signal Strength (Blundin)	57 Jan.
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Can 2,710,000 Television Sets Be Sold in '49?	66 June
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New Focusing Arrangement Improves TV Kits (Mullin)	54 Mar.
New TV Screen Offers Greater Contrast (Sanabria)	37 July
Projection TV for Large Audiences (Franceour)	52 Apr.
Television Projection Systems (Kay)	47 May
Television Set Shipments by Areas	22 May

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Disturbance Tests—A Short-Cut in TV Servicing (Glickstein)	46 July
Hints on Using Sweep Generators for TV Receiver Alignment (Cornell)	66 Dec.
Modern Television Receivers (Part 10) (Kiver)	60 Jan.
Modern Television Receivers (Part 11) (Kiver)	66 Feb.
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Modern Television Receivers (Part 13) (Kiver)	43 Apr.
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Shielding Against TVI (Rand, W1DBM)	57 Sept.
Sweep Generator Adjustment of Transmission Lines and Antennas (Cornell)	52 Sept.
Television Servicing With a Sweep Generator (Anthony)	46 Sept.
The Service Technician and TV Interference (Brier, W9EGQ)	32 Aug.
The Television Test Pattern (Kay)	38 Jan.
Waveform Analysis in TV Receivers (Ledbetter)	56 Dec.

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A 19-28 mc. Signal Generator for TV I.F. Alignment (Donaldson)	86 Feb.
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TV QUIZ

Do You Know? (Scott)	100 Jan.
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A Signal Tracer at Minimum Cost (Ward)	49 Oct.
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A Special Wide-Band Scope Amplifier (Kaufman)	74 Oct.
A TV Antenna Location-and-Orientation Indicator (Marco)	68 May
Audio Test Instruments (Fidelman)	72 Nov.
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Build This Compact Signal Injector (Turner, K6AI)	40 Apr.
Converted Home Receiver, Ideal for Signal Tracer (Fristik)	60 Feb.
Recording Stationary CRT Patterns (Hesse)	62 Dec.
Save Testing Time With an "Outlet Box" Unit (Leeper)	86 July
The Tubeless Grid-Dip Adapter (Carpenter)	60 May
Versatile R.F. Meter for Ham Stations (Lewes, W8MQU)	35 Apr.
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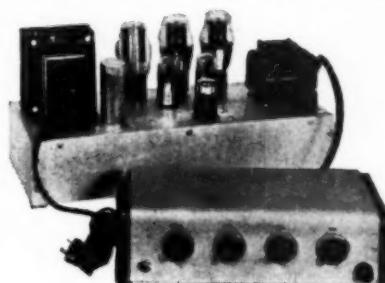
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